PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PATENT APPLICATION of

Stuart Stephen Papworth PARKIN et al. Art Unit: 2815

Serial No: 10/720,962 Examiner: J.H. Nguyen

Filed: November 24, 2003 Confirmation No.: 5214

For: MAGNETIC TUNNER Attorney Ref.: ARC920030058US1

JUNCTIONS WITH IMPROVED TUNNELING

MAGNETORESISTANCE

AMENDMENT

MAIL STOP AMENDMENT

Commissioner For Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

In response to the Office Action mailed May 22, 2007, please amend the above-captioned application as set forth below, and reconsider this application in view of the following remarks.

The Claims are reflected in the listing of the claims that begins on page 2 of this paper.

Remarks and Arguments begin on page 9 of this paper.